

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF THE CLAIMS

1. (Currently Amended) A manually operated resuscitation device comprising:
a patient interface having a gas inlet and gas outlet adapted to deliver gas to a patient airway, the interface having a one way intake valve downstream of the gas inlet; and
flow rate control valve, housed within a gas containment housing disposed in one-way flow communication between the patient interface gas inlet and a source of pressurized breathable gas, the flow rate control valve being operable between a minimum gas flow rate and a maximum gas flow rate conducting gas flow at a controlled rate in one direction through the housing from the source of pressurized gas to the gas inlet of the patient interface, the flow rate control valve comprising a valve seat and a valve plug defining a flow rate control orifice between the valve seat and the valve plug therebetween, wherein the plug includes a gas flow impingement surface and a valve seat mating surface, the plug being normally biased away from the valve seat and urged toward the valve seat by gas flow impinging against the gas flow impingement surface.
2. (Original) A manually operated resuscitation device according to claim 1 wherein the patient interface is selected from the group consisting of: a bag-valve-mask device; a pocket mask device wherein the patient interface comprises a patient mask with said gas inlet and a patient face sealing edge; an endotracheal tube; and a face shield device comprising a flexible sheet with a tube therethrough, the tube having an upper end with operator mouthpiece about said gas inlet and a lower end with patient mouthpiece.
3. (Previously Amended) A manually operated resuscitation device according to claim 2 wherein said bag-valve-mask device comprises:

a patient mask having a patient face sealing edge;
a flexible bag having a one way intake valve in flow communication with `said gas source and a one way output valve in flow communication with the mask inlet;
exhaust port valve in flow communication with the patient mask operable between a closed position and an open position wherein exhaled gas is exhausted from the mask when the one way output valve is closed.

Claims 4-7 (Cancelled).

8. (Previously Amended) A manually operated resuscitation device according to claim 1 wherein the housing includes a bulkhead downstream of the valve seat, the bulkhead including at least one perforation; and wherein the plug is mounted to an upstream end of a valve stem, the valve stem is slidably mounted within a through bore in the bulkhead with a spring disposed about the valve stem between the plug and bulkhead.
9. (Previously Amended) A manually operated resuscitation device according to claim 8 wherein the valve stem includes a retainer downstream of the bulkhead.
10. (Previously Amended) A manually operated resuscitation device according to claim 9 wherein the retainer comprises a shoulder with bulkhead abutting surface.
11. (Previously Amended) A manually operated resuscitation device according to claim 8 wherein the valve stem includes a motion limiter disposed on the valve stem a selected distance from the bulkhead.
12. (Previously Amended) A manually operated resuscitation device according to claim 11 wherein the motion limiter comprises a shoulder with bulkhead abutting surface.

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Response to Office Action dated October 22, 2003

13. (Currently Amended) A manually operated resuscitation device according to ~~claim 7~~
claim 1 wherein the valve seat and valve seat mating surface are conical surfaces.

14. (Previously Amended) A manually operated resuscitation device according to
claim 8 wherein valve stem and bulkhead bore have a clearance space disposed therebetween
sufficient to allow lateral motion of the valve plug relative to the valve seat.